Research

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Common Core Connection

Research to Build and Present Knowledge

√ Conduct short as well as more sustained research projects based on focused questions, demonstrating the subject under investigation.

√ Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism.

√ Draw evidence from literary or informational texts to support analysis, reflection and research.

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Learning Commons
Many research related modules

3 – Encouraging student success in research.

#3 Are You Encouraging Student Success in Creative Projects and Research Assignments?

Read | Discover | Go Beyond | Respond | Standards | Credit/CEU

Research Project Calculator

INFOhio has created a research project calculator to help your students organize and plan their research projects. To access the Research Project Calculator:

1. Go to the INFOhio home page http://www.infohio.org
2. Click on the icon for the *INFOhio Research Project Calculator.*

After going to the RPC site, read about the R... ...in the yellow box on the right, *About the Research...*

Widgets

Widgets are mini-applications that may be ... ...oom blog or project wiki, Google site, or course ... Moodle. Read this *School Library Journal B...* "Database Widgets Are Here, My Dream C...

Your widget can look like this EBSCO one f... ...ge below:

> Research
> Project
> Calculator and
> Widgets

EBSCO Research Databases Search

Facts On File also offers a Search Widget for the Science Online database that we have access to from INFOhio. You can use it to encourage use and increase access of the database by teachers and students on library or teacher webpages. Students could also add them to their own Facebook pages, webpage project pages, or their own websites. The INFOhio username and password will have to be used to actually access the database with the widget. The image below shows you

#17 – How to find standards-based materials.

#17 Do You Know How to Find Standards-based Materials? Introducing Cat 2.0 INFOhio Power User

Read | Discover | Go Beyond | Respond | Standards | Credit/CEU

Your library catalog is a tool you can use to find resources that meet student needs. You can also use the catalog to teach your students information literacy skills. In this module you will dig into the school library catalog.

Introduction to the Catalog: Catalog address, Searching, Kept Lists, Book Lists

Before getting started, note that when navigating in Cat, you should use the "Go Back" link in upper left hand corner of the catalog instead of using your browser's back button.

1. **Find your library's online card catalog, CAT 2.0.** (Your school library catalog is accessible from: http://www.infohio.org/web2/web2.html)

Note: If your library is not automated with INFOhio, choose any school to see how the INFOhio catalog works. For information about automating with INFOhio see the information on Library Automation: Whe...

a. Click on your Information Technology ... ...ur ITC, ask your school librarian.
b. Click on the *plus* sign next to your sch...
c. Find your school.
d. There are two interfaces available. C... ...ol. Cat Jr. 2.0 is designed for elementary

> Using the Opac
> and Discovery
> Portal

Learning Commons-Check out Things # 4 and 5

Keeping up professionally: DIALOGE model, inquiry, curation.

Using RSS feeds and email alerts

Learning Commons-Check out Things # 9 and 18

Learning Commons – Check out Things # 10 and 14

New search engines like Wolfram Alpha and Boolify.

Go beyond Google – learn about different database interfaces and notetaking with Evernote.

Learning Commons – Check out Things #11, 15 and 19

#11   Do You Use Cool Tools for 21st Century Projects?

Use cool tools like Wordle, Glogster and Bubble.us

#19   Do You and Your Students Know How to Find and Use Images Purchased for Ohio Schools? INFOhio Power User

Finding and citing images.

#15   It's Not Your Mother's Encyclopedia! Are You Aware of the New World Book Tools for 21st Century Skills? INFOhio Power User

Use World Book for citation builder, primary sources, timeline, pathfinders.

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Learning Commons – Check out Things #7 and 20

It also contains a Learning Skills module.

Videos feature real Ohio educators modeling instructional strategies for teaching research skills.

The Learning Skills section of the INFOhio 21st Century Learning Commons is highlighted to show how to find the DIALOGUE model for 21st Century Skills.

Research Project Calculator

Research Project Calculator

Name: _____

Class: _____

E-mail: _____

Retype E-mail: _____

* Format: Choose an assignment format...

☐ Include teacher information

* Date you will begin the assignment: 7 - 23 - 2012

* Date the assignment is due: __ - __ - 2012

Enter code: _____
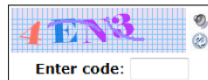
Calculate Project Schedule!

* indicates a required a field

Related Links
- Project Rubric
- Glossary of Terms
- Tell us what you thought of the RPC.

Teacher Resources
- About the Research Project Calculator
- Support Materials
- Ohio Guidelines for Effective School Library Media Programs

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The resources include student activities, graphical organizers, tip sheets, lesson plans and links related to the steps of the research process.

Instructional Planning Guide (for the library media specialist)
Record information for the project, including goals, roles for participants and resources.
Download PDF [1 page]   Download MS Word [1 page]

Student Research Planning Guide
Handout that students might use to record their progress
Download PDF [1 page]   Download MS Word [1 page]

Narrowing a Topic Using a General to Specific Triangle (graphical organizer)
Exercise to guide students in narrowing a topic
Download PDF [1 page]   Download MS Word [1 page]

The Research Process: Questions and answers (graphical organizer)
This page is one of a two part series that might be used by students to record their progress. Part of organizing information to support the thesis. Part two is the Outline Organizer linked from step three
Download PDF [1 page]   Download MS Word [1 page]

What's My Angle? Generating Topics and Research Questions (graphical organizer)
This worksheet may be used to identify a unique angle on a topic.
Download PDF [1 page]   Download MS Word [1 page]

Generate a Research Question Based on Personal Interests (graphical organizer)
If students generate topics based on personal interests, this graphical organizer could be used
Download PDF [1 page]   Download MS Word [1 page]

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Students can use it to create a timeline for their work.

Ask, Act, Achieve
Teacher's Guide

The Teacher's Guide offers help on each topic, subtopics, and links.

Goes live Feb 13

Targeted to middle and high school students—people just learning how to do big research projects. Walks them through the process step by step so they won't get overwhelmed.

They can click on each question and find websites and templates to help them at that stage of research.

Each question has helpful links and resources.

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ACT: How do I find valid information?
Links to appropriate INFOhio databases.

Not just websites.

Discovery Portal

Students get help with the research process…
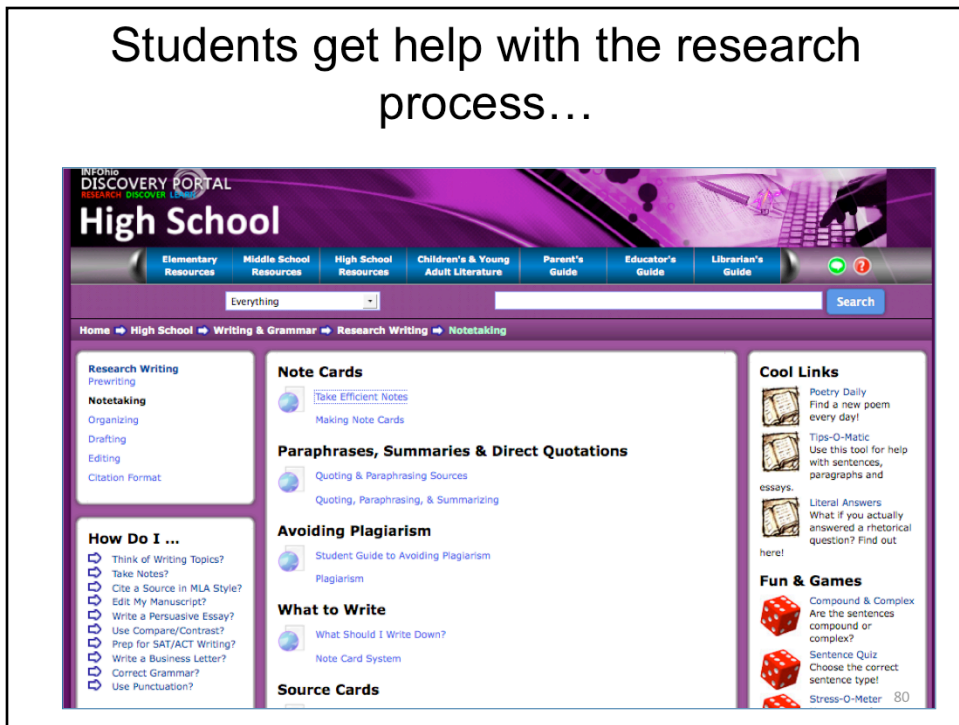
INFOhio helps students research, discover and learn.

The INFOhio Discovery Portal is INFOhio's vision for an end-user discovery portal offering one-stop searching. It brings together over 23,000 educator-selected age-appropriate websites, Best of the Web sites collection, federated/aggregated searching of the INFOhio electronic resources, and the statewide Digital Video Collection

The resources are age-appropriate as divided into three separate grade ranges – Elementary, Middle and High School. Each of the grade level areas are separated into 23 curriculum-related content areas like Art, Literature, Math, Physical Science, etc. The portal is not just for students, there are also parent and educator guides, divided by grade level, to help these groups guide students in their learning as well as a Librarian's guide and Children's Literature area.

[ANIMATION 1] The search interface allows you to search resources singly or all at once. The "right" INFOhio Electronic Resource has been matched with each topic area to provide necessary encyclopedia, reference, or magazine and newspaper material.

…and a large variety of topical resources.

World Book – Research Tools

For Teachers and Students

The Core Collection